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Docket Number BD-3533

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Andrews, et al

Serial Number: 09/126,806

Filed: July 31, 1998

For: Rotary Dressing Tool Containing Brazed Diamond Layer



Examiner: W. Berry

Group Art Unit: 3723

4/15/02
B. Ross

Commissioner of Patents and Trademarks
Washington, D.C. 20231
Sir:

Amendment Under 37 CFR Section 1.111

This amendment is in response to an office action mailed September 20, 2001, in the above-captioned patent application.

Claims 1-12, all claims pending in the application, stand rejected. Claims 1-10 stand rejected under 35 USC Section 103(a) over U.S. Pat. No. 4,799,472 to Tonshoff, et al, ("Tonshoff"), in view of U.S. Pat. No. 5,916,013 To Naumann ("Naumann"). Claims 11-12 stand rejected under 35 USC Section 103(a) over Tonshoff, in view of Naumann and U.S. Pat. No. 4,199,903 to Fitzpatrick ("Fitzpatrick"). Applicants respectfully traverse the rejections.

REMARKS

The Invention

Claims 1 and 11, the two independent claims in the application, recite

"A rotary profile dressing tool having a rigid, disc-shaped core and an abrasive rim around at least one surface of the periphery of the core, the core and the abrasive rim being oriented in a direction orthogonal to the axis of rotation of the tool....",

together with certain abrasive rim limitations. All claims of the application are directed specifically to rotary, profile dressing tools of the class recited in the claims, i.e., rigid, disc shaped core, and a single layer of abrasive grain in an active metal braze forming an abrasive rim on at least one surface of the periphery of the core.